

| | | | | ATTORNEY DOCKET NO.: | SERIAL NO: | | |
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| | | | | 2003-0693.02 | Unknown | | |
| INFORMATION DISCLOSURE STATEMENT | | | | APPLICANT: Mahesan Chelvayohan, et al. | | | |
| | | | | FILING DATE: Herewith | | GROUP: Unknown | |
| U.S PATENT DOCUMENTS | | | | | | | |
| Examiner Initial * | | Document No. | Date | Name | Class | Subclass | Filing Date |
| <i>JW</i> | AA | 4,066,969 | 1/78 | Pearce, et al. | 328 | 5 | September 22, 1975 |
| <i>JW</i> | AB | 4,092,068 | 5/78 | Lucas, et al. | 356 | 73 | May 5, 1976 |
| <i>JW</i> | AC | 4,352,988 | 10/82 | Ishida | 250 | 559 | November 14, 1980 |
| <i>JW</i> | AD | 4,525,630 | 6/85 | Chapman | 250 | 572 | August 11, 1982 |
| <i>JW</i> | AE | 4,540,887 | 10/85 | Minerd, et al. | 250 | 561 | January 28, 1983 |
| <i>JW</i> | AF | 4,545,031 | 10/85 | Kobayashi | 364 | 900 | September 13, 1982 |
| <i>JW</i> | AG | 4,578,770 | 3/86 | Mitani | 364 | 571 | June 10, 1983 |
| <i>JW</i> | AH | 4,613,235 | 9/86 | Suga | 356 | 446 | February 13, 1985 |
| <i>JW</i> | AI | 4,642,456 | 2/87 | Watanabe | 250 | 223 | March 25, 1985 |
| <i>JW</i> | AJ | 4,642,457 | 2/87 | Watanabe | 250 | 223 | January 30, 1984 |
| <i>JW</i> | AK | 4,673,818 | 6/87 | Guerra | 250 | 571 | November 25, 1985 |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
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| OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) | | | | | | | |
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| EXAMINER: <i>JW</i> | | DATE CONSIDERED: <u>12/20/05</u> | | | | | |
| *Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. | | | | | | | |

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| U.S PATENT DOCUMENTS | | | | | | | | |
| Examiner Initial * | | Document No. | Date | Name | | Class | Subclass | Filing Date |
| <i>JW</i> | AA | 4,685,982 | 8/87 | Kuchek | | 156 | 64 | April 2, 1985 |
| <i>JW</i> | AB | 4,721,968 | 1/88 | Arai, et al. | | 346 | 136 | September 13, 1984 |
| <i>JW</i> | AC | 4,774,551 | 9/88 | Amos, et al. | | 355 | 68 | November 19, 1987 |
| <i>JW</i> | AD | 4,929,844 | 5/90 | Houjyou, et al. | | 250 | 561 | November 18, 1988 |
| <i>JW</i> | AE | 4,945,253 | 7/90 | Measurex Corporation | | 250 | 571 | December 9, 1988 |
| <i>JW</i> | AF | 4,954,846 | 9/90 | Matsuo, et al. | | 355 | 311 | November 22, 1989 |
| <i>JW</i> | AG | 4,958,069 | 9/90 | Okamori | | 250 | 223 | June 19, 1989 |
| <i>JW</i> | AH | 4,963,731 | 10/90 | King | | 250 | 560 | August 11, 1989 |
| <i>JW</i> | AI | 4,970,544 | 11/90 | Furusawa, et al. | | 355 | 24 | November 25, 1988 |
| <i>JW</i> | AJ | 4,970,606 | 11/90 | Shima | | 358 | 474 | June 19, 1989 |
| <i>JW</i> | AK | 4,982,235 | 1/91 | Fujino | | 355 | 235 | May 22, 1990 |
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| EXAMINER: <i>John W. Miller</i> | DATE CONSIDERED: <i>12/20/05</i> | | | | | | | |
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| U.S PATENT DOCUMENTS | | | | | | | |
| Examiner Initial * | | Document No. | Date | Name | Class | Subclass | Filing Date |
| <i>lw</i> | AA | 4,985,636 | 1/91 | Fukui, et al. | 250 | 559 | August 29, 1989 |
| <i>lw</i> | AB | 4,989,985 | 2/91 | Hubble, III, et al. | 356 | 445 | September 19, 1988 |
| <i>lw</i> | AC | 4,994,678 | 2/91 | Sasaki | 250 | 560 | March 23, 1989 |
| <i>lw</i> | AD | 5,084,627 | 1/92 | Ueki, et al. | 250 | 561 | May 15, 1990 |
| <i>lw</i> | AE | 5,122,833 | 6/92 | Sato | 355 | 203 | October 11, 1991 |
| <i>lw</i> | AF | 5,139,339 | 8/92 | Courtney, et al. | 356 | 446 | December 26, 1989 |
| <i>lw</i> | AG | 5,172,003 | 12/92 | Nasu, et al. | 250 | 561 | November 25, 1991 |
| <i>lw</i> | AH | 5,225,688 | 7/93 | Endo | 250 | 560 | June 22, 1992 |
| <i>lw</i> | AI | 5,250,813 | 10/93 | Takahashi, et al. | 250 | 561 | October 28, 1992 |
| <i>lw</i> | AJ | 5,262,637 | 11/93 | Cumberledge, et al. | 250 | 223 | August 7, 1992 |
| <i>lw</i> | AK | 5,329,338 | 7/94 | Merz, et al. | 355 | 207 | September 6, 1991 |
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| U.S PATENT DOCUMENTS | | | | | | | |
| Examiner Initial * | | Document No. | Date | Name | Class | Subclass | Filing Date |
| dw | AA | 5,354,995 | 10/94 | Endo, et al. | 250 | 561 | August 20, 1993 |
| dw | AB | 5,508,520 | 4/96 | Shoji, et al. | 250 | 559 | April 26, 1994 |
| dw | AC | 5,508,521 | 4/96 | Kraft, et al. | 250 | 574 | December 5, 1994 |
| dw | AD | 5,661,571 | 4/97 | Ijuin, et al. | 358 | 471 | August 17, 1994 |
| dw | AE | 5,689,757 | 11/97 | Ferrante, et al. | 399 | 45 | July 28, 1995 |
| dw | AF | 5,751,443 | 5/98 | Borton, et al. | 356 | 446 | October 7, 1996 |
| dw | AG | 5,751,854 | 5/98 | Saitoh, et al | 382 | 218 | June 7, 1996 |
| dw | AH | 5,764,251 | 6/98 | Hashimoto | 347 | 16 | June 1, 1995 |
| dw | AI | 5,811,777 | 9/98 | Ackley | 235 | 462 | July 11, 1996 |
| dw | AJ | 5,856,833 | 1/99 | Elgee, et al. | 347 | 19 | October 6, 1997 |
| dw | AK | 5,925,889 | 7/99 | Guillory, et al. | 250 | 559.16 | October 21, 1997 |
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| Examiner Initial * | | Document No. | Date | Name | | Class | Subclass | Filing Date | |
| <i>dw</i> | AA | 6,006,668 | 12/99 | Rehmann | | 101 | 484 | April 20, 1998 | |
| <i>dw</i> | AB | 6,018,164 | 1/00 | Mullens | | 250 | 559.4 | November 20, 1997 | |
| <i>dw</i> | AC | 6,019,449 | 2/00 | Bullock, et al. | | 347 | 14 | June 5, 1998 | |
| <i>dw</i> | AD | 6,031,620 | 2/00 | Typo | | 356 | 445 | April 28, 1998 | |
| <i>dw</i> | AE | 6,079,807 | 6/00 | Lindstrom, et al. | | 347 | 16 | December 8, 1997 | |
| <i>dw</i> | AF | 6,088,104 | 7/00 | Peterson | | 356 | 371 | December 2, 1994 | |
| <i>dw</i> | AG | 6,088,546 | 7/00 | Inoue, et al. | | 399 | 45 | January 2, 1996 | |
| <i>dw</i> | AH | 6,144,811 | 11/00 | Ohori, et al | | 399 | 9 | February 2, 1999 | |
| <i>dw</i> | AI | 6,152,443 | 11/00 | Claramunt, et al. | | 271 | 258.05 | August 28, 1998 | |
| <i>dw</i> | AJ | 6,201,255 B1 | 3/01 | Torchalski, et al. | | 250 | 559.4 | October 30, 1998 | |
| <i>dw</i> | AK | 6,215,552 B1 | 4/01 | Acquaviva, et al | | 356 | 371 | August 28, 1995 | |
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| Examiner Initial * | | Document No. | Date | Name | | Class | Subclass | Filing Date |
| DW | AA | 6,217,168 B1 | 4/01 | Elgee | | 347 | 105 | February 24, 1999 |
| DW | AB | 6,233,053 B1 | 5/01 | Preston, et al. | | 356 | 445 | July 28, 1998 |
| DW | AC | 6,242,733 B1 | 6/01 | Ma, et al | | 250 | 233 | August 17, 1999 |
| DW | AD | 6,291,829 B1 | 9/01 | Allen, et al. | | 250 | 559.07 | March 5, 1999 |
| DW | AE | 6,325,505 B1 | 12/01 | Walker | | 347 | 105 | October 29, 1999 |
| DW | AF | 6,348,697 B1 | 2/02 | Kitajima | | 250 | 559.4 | June 11, 1998 |
| DW | AG | 6,365,889 B1 | 4/02 | Elgee | | 250 | 221 | February 24, 1999 |
| DW | AH | 6,386,676 B1 | 5/02 | Yang, et al. | | 347 | 19 | January 8, 2001 |
| DW | AI | 6,398,206 B1 | 6/02 | Yang, et al. | | 271 | 90 | June 12, 2000 |
| DW | AJ | 6,400,099 B1 | 6/02 | Walker | | 315 | 291 | March 24, 1998 |
| DW | AK | 6,520,614 B2 | 2/03 | Kaneko | | 347 | 14 | January 24, 2001 |
| FOREIGN PATENT DOCUMENTS | | | | | | | | |
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| Examiner Initial * | | Document No. | Date | Name | Class | Subclass | Filing Date |
| <i>QW</i> | AA | 6,549,286 B2 | 4/03 | Komulainen, et al. | 356 | 600 | October 31, 2001 |
| <i>QW</i> | AB | 6,561,643 B1 | 5/03 | Walker, et al. | 347 | 105 | June 28, 2000 |
| <i>QW</i> | AC | 6,585,341 B1 | 7/03 | Walker, et al. | 347 | 14 | August 30, 2000 |
| <i>QW</i> | AD | 6,600,167 B2 | 7/03 | Sano | 250 | 559.11 | June 11, 2001 |
| <i>QW</i> | AE | 6,677,603 B2 | 1/04 | Yanagiuchi | 250 | 559.4 | January 5, 2001 |
| <i>QW</i> | AF | 2003/0020029 A1 | 1/03 | Henry, et al. | 250 | 559.4 | July 26, 2002 |
| <i>QW</i> | AG | 2003/0052934 A1 | 3/03 | Maruyama | 347 | 16 | September 11, 2002 |
| | AH | | | | | | |
| | AI | | | | | | |
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| EXAMINER: <i>Don Weller</i> | | DATE CONSIDERED: <u>12/20/05</u> | | | | | |
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